ABSTRACT

A device for continuous mixing of at least two components, such as liquids and/or powders. The device comprises a first means for joining the components in layers, and a second means for discharging the joined components during simultaneous deformation of a layer structure obtained in the joining, to provide a homogeneous mixture of components. The device is characterized in that the first means comprises a layering means and a receiving means rotatable about a longitudinal axis and having a receiving surface which faces the layering means comprises a layering means and is arranged radially outside the same. The layering means is adapted to alternately dispose the components in the form of thin layers on the receiving surface to form a stratum of layer structure, and the receiving means is during rotation adapted to support said stratum. The present invention also relates to a method for continuous mixing of at least two components.

ABSTRACT

A device for continuous mixing of at least ~~tow~~ two components, such as liquids and/or powders. The device comprises first elements for joining the components in layers, and second elements for discharging the joined components during simultaneous deformation of a layer structure obtained in the joining, to provide a homogeneous mixture of components. The first elements include a layering element and a receiving element rotatable about a longitudinal axis and having a receiving surface which faces the layering element ~~the layering which has~~ and is arranged radially outside the same. The layering element is adapted to alternately dispose the components to be mixed in the form of thin layers on the receiving surface to form a stratum of layer structure, and the receiving element is during rotation adapted to support the stratum. The present invention also relates to a method for continuous mixing of at least two components.

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(57) Abstract

A device for continuous mixing of at least two components, such as liquids and/or powders. The device comprises a first means (8, 15) for joining the components in layers, and a second means (6, 18) for discharging the joined components during simultaneous deformation of a layer structure obtained in the joining, to provide a homogeneous mixture of components. The device is characterised in that the first means (8, 15) comprises a layering means (8) and a receiving means (15) rotatable about a longitudinal axis (13) and having a receiving surface (22) which faces the layering means (8) and is arranged radially outside the same. The layering means (8) is adapted to alternately dispose the components in the form of thin layers on the receiving surface (22) to form a stratum of layer structure, and the receiving means (15) is during rotation adapted to support said stratum. The present invention also relates to a method for continuous mixing of at least two components.